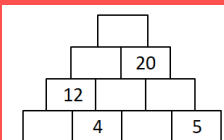


## Class 4 – Homework Learning Tasks for Autumn 2

### Mathematics

Challenge 1: Here is a multiplication pyramid. Each number is made by multiplying the numbers below. Multiply the numbers below. Copy it into your book and complete it.



Challenge 2: Now make one of your own for a family member to solve. You could even use decimals.

Parent/Carer Signature: \_\_\_\_\_

### Personal Social Health Education

This term we will be learning about keeping ourselves safe.

Challenge 1: Storyboard a television advert that is aimed at children your age. The aim of the advert is to encourage children to keep themselves safe when they are out (you can choose the context) and to guide them as to what steps to take if they need to get help.

Challenge 2: Make a board game for 2 or more players where the theme is staying safe.

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### Science

Challenge 1: This term we will be studying Evolution and Inheritance. Find out as much as you can about your family tree. Include as much information as you can about people's physical characteristics, using photographs or statements from family members to show how members of your family are similar in looks or personalities.

Challenge 2: Research an animal which has adapted to its environment. The more unusual, the better. Use maps and other media to illustrate where your animal lives.

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### Art/DT

Challenge 1: Produce a leaflet or a non-chronological report about different types of bridges.

Challenge 2: Build a bridge out of the most unusual materials you can find. Your bridge must cover a distance of at least a metre and hold the weight of 2 toy (matchbox) cars crossing it.

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### History

Challenge 1: Choose a famous building from anywhere in the world. Research its history and present the information in a form of your choice.

Challenge 2: Choose a period of history that interests you. Write a persuasive piece of approximately 200 words convincing us as to why it would be interesting for us to study the period for our next history topic.

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### Literacy – Poetry

Challenge 1: Can you write an autobiographical poem?

An autobiographical poem is a poem that the author writes about himself.

- Line 1: Your first name
- Line 2: Four adjectives that describe you
- Line 3: Son/daughter of ..., Brother/sister of ...
- Line 4: Lover of (three people or ideas or a combination)
- Line 5: Who feels (three sensations or emotions)
- Line 6: Who find happiness in (three things)
- Line 7: Who needs (three things)
- Line 8: Who gives (three things)
- Line 9: Who fears (three things)
- Line 10: Who would like to see (three things)
- Line 11: Who enjoys (three things)
- Line 12: Who likes to wear (three things)
- Line 13: Add something you want to say
- Line 14: Your last name only

Challenge 2: Can you explore the following website and find and learn your favourite poem to recite?

[https://childrens.poetryarchive.org/?\\_ga=2.27353535.2061611754.1571086524-658456296.1571086524](https://childrens.poetryarchive.org/?_ga=2.27353535.2061611754.1571086524-658456296.1571086524)

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### Mathematics

You will need two six-sided dice. There are some interactive dice here - Roll the dice and combine the resulting numbers in two different ways to make a number less than 10 with one decimal place. E.g. if you roll a 2 and a 3 you can combine them to make 2.3 or 3.2. Now round each of these numbers to the nearest whole number: 2.3 rounds to 2 and 3.2 rounds to 3. Repeat for other rolls of the dice. Do both of the numbers you make ever round to the same whole number? Record your results in a table like this:

Numbers rolled	1st decimal number	Rounds to	2nd decimal number	Rounds to
2 and 3	2.3	2	3.2	3
2 and 6	2.6	3	6.2	6

Extension 1: Can you find examples where both decimal numbers round to the same whole number?

Extension 2: What happens if you introduce a third dice and make six different decimal numbers less than 10? Can they ever all round to the same whole number?

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### RE/Music/Art

Challenge 1: Use this website to explore the origins of Christmas Carols (Carol from the French word 'Carole') - <https://www.bbc.co.uk/newsround/38228948>. Why were they sung? Why do we associate them with Christmas?

Challenge 2: Choose your favourite Christmas Carol - Can you represent each verse in picture form?

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### French

Can you become a French meteorologist (weather reporter)? Can you create a video or power point explaining what the weather might be like in France using the correct French vocabulary?

### Music

What can you find out about classical composers from the Victorian period? Use this website to listen to famous composers works from the 'Romantic period' (1827 – 1900) - <https://www.classicsforbids.com/>. Which is your favourite piece of music? Why? Who was it written by?

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